

## ABSTRACT

The image processing apparatus (B) includes an integrated image-reading/writing head (A), platen rollers ( $P_1$ ,  $P_2$ ) for a document and a recording paper, and data processing means (7) performing data processing necessary for copying an image on the document. The integrated image-reading/writing head (A), a plurality of light receiving elements (20) and a plurality of printing elements (8) are mounted on the same surface of a substrate (4). If the document (D) and the recording paper (K) are fed in the same direction, when the image on the document is copied, the pixel data outputted for the printing are arranged in the order of first to n-th. If the document (D) and the recording paper (K) are fed in opposite directions to each other, the pixel data outputted for the printing are arranged in the order of n-th to first.